

Abstract of the Disclosure

2 An apparatus emits radiation on curable adhesives to bond  
3 objects or surfaces together under a variety of ambient  
4 conditions. An insulating housing has a cylindrical section and  
5 a disc-shaped section defining an interior. A plurality of  
6 batteries and an LED array are separated in the interior by an  
7 insulating spacer to prevent shorting of the batteries. A switch  
8 relay in the interior connects power from the batteries to the  
9 LED array when a switching mechanism mounted on the outside of  
10 the housing is displaced. This displacement closes the switch  
11 relay and connects power to the LED array that emits high-  
12 intensity radiation. A cover connected to the cylindrical-shaped  
13 section seals the interior from ambient and transmits the high-  
14 intensity radiation to cure an adhesive.